

ABSTRACT OF THE DISCLOSURE

A method for preventing a call of packet data from colliding in a WLL system is disclosed, by which the packet transmission times of respective terminals are allocated using random numbers. The method includes initializing the random number and a call connecting time and transmitting packet data to a Radio Port (RP) after the initialization is completed. New and unique random numbers are assigned to the respective terminals based on the packet data transmitted from the terminals. The packet data is transmitted to the RP at the call connecting times corresponding to the random numbers.